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ReserchGate:

https://www.researchgate.net/profile/Georgi_Hinkov/publications

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=35773488800>

Date and birth place: 11 July 1968, Pleven

Research interests: Close-to-nature forestry, Old growth forests, Riparian forests, Invasive for Bulgaria tree and shrub species, Phylogenetics of forests of *Quercus* sp.

Education:

2004: PhD in Silviculture and Dendrology, Forestry Research Institute, Bulgarian Academy of Sciences. PhD title: 'Distribution and ecotype diversity of the common oak (*Quercus robur* L.) in the Central Danube plain'

1993: University of Forestry, Sofia, MSc in Forestry

Training:

2000-2001: Austrian Research Center Seibersdorf, Austria

Employment:

2007-present: Associate Professor, Department of Silviculture, Forest Research Institute, Bulgarian Academy of Sciences

1995-2007: Assistant Professor, Department of Silviculture, Forest Research Institute, BAS

1994-1995: Forest Engineer, Department of Silviculture, University of Forestry, Sofia

1993-1994: Secretary Town Hall of the village of Yasen, Pleven region

Administrative responsibilities:

2013-2017: Member of the Scientific Council of the Forest Research Institute, BAS

Training students:

1999-2000: Scientific consultant of PhD student, Forest Research Institute, BAS

Membership in scientific organisations: Union of Scientists in Bulgaria

Publications: 90 papers published (over 55 in peer-reviewed journals). The list of selected publications for last five years:

Zlatanov T, I Velichkov, M Georgieva, G **Hinkov**, G Gogushev, Ch S Eastaugh (2015) Does management improve state of Chestnut (*Castanea sativa* Mill.) in mixed stands in Belasitsa mountain, Southwest Bulgaria? iForest - Biogeosciences and Forestry, doi: 10.3832/ifer1420-008, © SISEF <http://www.sisef.it/iferest/>.

Hinkov G, E Popov, G Erbakamov (2015) Threat and recommendation of forest habitats in protected area 'Kamchiyska and Emenska planina'. Forest science, 1, 19-33.

Tzonev R, G **Hinkov** (2015) In Biserkov, V. et al. (Eds) 2015. Red Data Book of the Republic of Bulgaria. Volume 3. Natural habitats. BAS&MoeW, Sofia. 18G1 Steppic woods of Turkey oak (*Quercus cerris*). 315-317.

- Tzonev R, G **Hinkov** (2015) In Biserkov, V. et al. (Eds) 2015. Red Data Book of the Republic of Bulgaria. Volume 3. Natural habitats. BAS&MoeW, Sofia. 19G1 Steppic woods of Pedunculate oak (*Quercus pedunculiflora*). 318-319.
- Naydenov, K, M Naydenov, A Alexandrov, K Vasilevski, V Gyuleva, V Matevski, B Nikolic, V Goudiaby, F Bogunic, D Paitaridou, A Christou, I Goia, Ch Carcaillet, A Escudero Alcantara, C Ture, S Gulcu, L Peruzzi, S Kamary, S Bojovic, G **Hinkov**, A Tsarev (2016) Ancient split of major genetic lineages of European Black Pine: evidence from chloroplast DNA. *Tree Genetics & Genomes*, Springer, (2016) 12:68, DOI 10.1007/s11295-016-1022-y
- Dimov P, T Zlatanov, G Hinkov (2016) Using micro uav to create aerial images of forest areas for evaluating forest stand overstory structure parameters. *Forest science* 1-2, 47-69.
- Naydenov K, M Naydenov, A Alexandrov, K Vasilevski, G **Hinkov**, V Matevski, B Nikolic, V Goudiaby, D Riegert, D Paitaridou, A Christou, I Goia, Ch Carcaillet, A Escudero Alcantara, C Ture, S Gulcu, V Gyuleva, S Bojovic, L Peruzzi, S Kamary, A Tsarev, F Bogunic (2017) Ancient genetic bottleneck and Plio-Pleistocene climatic changes imprinted the phylogeography of European Black Pine populations. *Eur J Forest Res.*, DOI 10.1007/s10342-017-1069-9, Springer-Verlag GmbH Germany, 1-20.
- Popov E, G **Hinkov**, V Kachova, Cr Costandache, L Dinca (2017) A brief review of forest shelter belt establishments in Bulgaria and Romania. *Revista de Silvicultura si Cinegentica*, Anul. XXII, 43, 16-23.
- Kachova V, G **Hinkov**, E Popov, L Trichkov, R Mosquera (2018) Agroforestry in Bulgaria – history, present status and prospects. *Springer*, 92, 3, *Agroforestry Systems*, DOI:10.1007/s10457-016-0029-6, 655-665.
- Popov E, G **Hinkov**, I Velichkov, P Stefanova (2018) Productivity of Douglas fir plantations in Bulgaria and the necessity for its utilization. *Forest science*, 54, 3-23.
- Dimitrov DN, V Ilinkin, M Georgieva, G **Hinkov** (2018) Damages to beech forests caused by timber harvesting on territory of Berkovitsa state forestry. *Silva balcanica*, 19(3), 67-78.
- Panayotov M, G Gogushev, G **Hinkov**, N Tsvetanov, A Dountchev, T Zlatanov (2018) Old-growth forests in Bulgaria: distribution, characteristics and conservation issues. DOI: 10.17011/conference/eccb2018/107742, 5th European Congress of Conservation Biology, 12th - 15th of June 2018, Jyväskylä, Finland, <https://jyx.jyu.fi/handle/123456789/62108?show=full&locale-attribute=en>.
- Zlatanov T, G Gogushev, G **Hinkov**, M Panayotov, A Dountchev, N Doncheva (2019) Societal and “climate” changes steadily melt the last old-growth forest patches in Bulgaria. The International Conference. *Forest at Risk: Bialowieza and Beyond*, Warsaw, Poland, 12-13 February 2019, Book of abstracts, 73.
- Kachova V, E Popov, G **Hinkov** (2018) Agroforestry riparian plantations with *Populus* sp. and soil quality improvement. *Silva balcanica*, 20 (2): 49-56.
- Rodríguez González P, R Pielech, J Milovanovic, G **Hinkov**, R Jansson (2019) Riparian Genetic Resources Conservation In Europe. COST CA16208, CONVERGES, GC-WG2: Progress report I. Pruhonice, 3-4.04.2019, Annual meeting.
- Hinkov** G, V Kachova, I Velichkov, L Dinca (2019) The Effect of Grazing on Old Oak Forests from Eastern Rhodopes Mountains. *Ecologia Balcanica*, Vol. 11, Issue 1, http://web.uniplovdiv.bg/mollov/EB/2019_vol11_iss1/215-223_eb.19120.pdf215-223.
- Hinkov** G, I Velichkov, G Gogushev, M Zlatanova (2019) Good forestry management practices for maintain forest ecosystems within Regional forestry directorate Smolyan. *Proceeding papers 150 Years of Bulgarian Academy of Sciences*. Professor Marin Drinov Academic Publishing House, 223-232.
- Rodríguez González P, R Pielech, J Milovanovic, G **Hinkov** (2019) Riparian genetic, resources conservation in Europe. GC-WG2: Progress report I. Pruhonice 3-4 April 2019, COST CONVERGES – Annual meeting (WGs + MC).
- Zlatanov T, G **Hinkov** (2019) Main threats to riparian forests in Bulgaria and restoration measures. Belgrade, 4-5.09.2019, COST CA16208, CONVERGES, WG2 WORKSHOP meeting.

- Rodríguez González P, R Pielech, J Milovanovic, G **Hinkov** (2019) Riparian genetic resources conservation in Europe. GC-WG2: Progress report I. Pruhonice 3-4 April 2019, COST CONVERGES – Annual meeting (WGs + MC).
- Zlatanov T, G **Hinkov** (2019) Main threats to riparian forests in Bulgaria and restoration measures. Belgrade, 4-5.09.2019, COST CA16208, CONVERGES, WG2 WORKSHOP meeting.
- Rodríguez González P, R Pielech, J Milovanovic, G **Hinkov**, R Jansson (2019) Status and needs on genetic resources conservation across European riparian ecosystems. 6th Biennial Symposium of the International Society for River Science. Book of abstracts, September 8-13.2019, University of Natural Resources and Life Sciences, Vienna, Austria, 242, <http://isrs2019.info/cms/index.php/special-issues-337.html>.
- Hinkov** G, P Glogov, V Kachova, M L Georgieva, C Anghelus, A Liviu Ciuvat (2020) A methodological approach for monitoring of riparian forests in protected areas on Danube islands. *Silva balcanica* 21(2):53-69 (2020). <https://silvabalcanica.pensoft.net/article/54963/>
- Glogov P, G **Hinkov**, M Georgieva, V Kachova, A L Ciuvat, C I Anghelus (2020) Study on the distribution of climbing plants (climbers) on the territory of the Danube island Aydemir, Bulgaria. *Ecologia Balcanica*, Vol. 12, Issue 2, 187-196, http://web.uniplovdiv.bg/mollov/EB/2020_vol12_iss2/187-196_eb.20145.pdf

Research projects: Coordinator and/or participant in more than 40 national and international research projects. The projects for the last 5 years are listed below:

- Identification and mapping of Old-growth forests in the priority region Eastern Stara Planina, as part of the implementation of project No.9E0710.05, „IKEA Stage 5”, component 1.2.1. Period of implementation: 2015. G. Hinkov: expert.
- Investigation on the effectiveness of agroforestry systems for improvement of the productivity and the environmental quality of coastal lands along Danube”, bilateral agreement signed by Bulgarian Academy of Sciences and Romanian Academy of Sciences. 2015-2017. Project coordinator from Bulgaria Dr. V. Kachova, from Romania Dr. L. Dinka.
- Improved mountainous forest management for sustainable provision of ecosystem services under climate change (MFORES). Contract D-33-64/07.13.2015 with Ministry of Environment and Water, a project financed with the participation of the EEA Grants (European Economic Area grants), BG03 "Biodiversity and ecosystems". 2015-2016. Project leader: Dr. I. Velichkov.
- Identification and mapping of Old-growth forests in the priority region Middle Stara Planina according to the TOR attached to the contract, as part of the implementation of project No.9E0710.05, „IKEA Stage 5”, component 1.2.1.. Contractor: WWF, World Wide Fund for Nature, Danube-Carpathian Program Bulgaria. 2016-2017. Program Manager: V. Kavrakova. G. Hinkov: expert.
- COST Action CA16208 „Knowledge conversion for enhancing management of European riparian ecosystems and services”, WG2 “Visualisation of European responses to riparian vegetation degradation”. 2018-2022. Project leader: Dr. Simon Dufour.
- Identification and mapping of Old-growth forests, as part of the implementation of project No.400000578, „IKEA Stage 6”, component 3.1. Contractor: WWF, World Wide Fund for Nature, Danube-Carpathian Program Bulgaria. 2018-2020. Program Manager: V. Kavrakova. G. Hinkov: expert.
- Methodology for assessment of regeneration processes in damaged forests from diseases, pests and natural impacts. Contract № PO-01-15/26.02.2018 between SWSE Blagoevgrad and Forest Research Institute at BAS. 2018. Project leader: D-r I. Velichkov.
- Restoration and improvement of the conservation status of priority forest habitats from the NATURA 2000 network in Bulgaria. Activity R.1: "Selection of sources and collection of reproductive materials from priority forest species". Project LIFE16NAT/BG000817, contract FSD-GD-20-04/02.24.2018 with FSS-Sofia, EFA. 2018. G. Hinkov: forester-expert.

- Co-financing of a research project under COST action CA 16208 (CONVERGES), with the topic "Knowledge conversion for enhancing management of European riparian ecosystems and services" under contract DKOST 01/9/22.10.2018 of the NSF and the Forest Research Institute at BAS. 2018-2021. Project leader: Dr. G. Hinkov.
- Project for joint research between the Forest Research Institute at the Bulgarian Academy of Sciences and the National Institute for Research and Development in Forestry "Marin Draceva" RAS, on "Invasive alien plant species in protected areas on the Danube islands of Bulgaria and Romania." 2019-2022. Project leader: Dr. G. Hinkov.
- Scenarios for forest management for protection of plant and fungal diversity in the conditions of climate change (MFORDIV). Contract between NSF and IBER at BAS. 2019-2022. Project leader: Prof. T. Zlatanov. Participation of Dr. G. Hinkov - work package 1.
- Pilot development of specific and detailed nature protection objectives at the level of protected area for zone BG0000322 Dragoman. Project assigned to BAS (IBER-BAS), according to DCM no.3/10.01.2020. 2020. Project leader: Dr. A. Ganeva. Participation of Dr. G. Hinkov - development of specific conservation objectives.